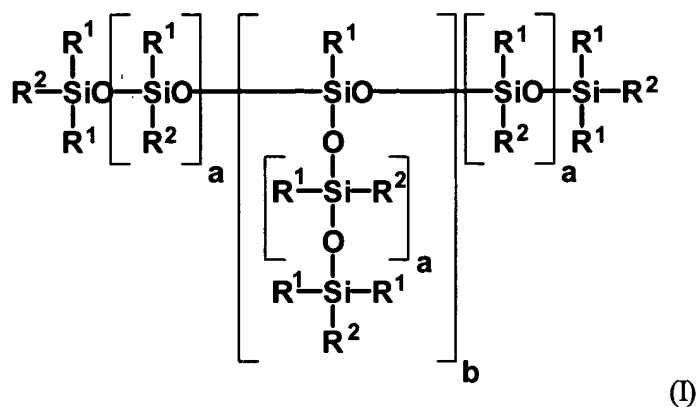


Claims:

1. An organopolysiloxane copolymer comprising, on average, at least one polyester group bonded to a siloxane via a spacer and, on average, at least one hydrophilic group bonded to the siloxane via a spacer, of the general formula (I):



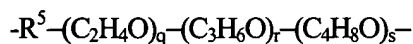
in which

R^1 are identical or different and are alkyl radicals having 1 to 30 carbon atoms or phenyl radicals,

R^2 independently of one another are R^1 , $-\text{A}-\text{R}^3$ or $-\text{B}-\text{R}^4$

in which

$-\text{A}-$ is a divalent alkyleneoxy group having 3 to 24 carbon atoms, which is optionally branched and/or can contain double bonds, and/or is a divalent polyoxyalkylene group of the general average formula



in which

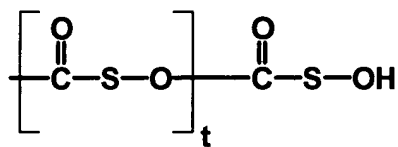
$q = 1$ to 100,

$r = 0$ to 100,

$s = 0$ to 100,

R^5 is a divalent alkyleneoxy group having 1 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

R^3 is a polyester radical of the general formula



in which

t is integers in the range from 1 to 10, and $[-(\text{O}=\text{C})-\text{S}-\text{O}-]$ is the fragment of a corresponding hydroxycarboxylic acid

$\text{HO}-(\text{O}=\text{C})-\text{S}-\text{OH}$, in which

$-\text{S}-$ is an optionally branched and/or double-bond-containing alkylene radical having 5 to 30 carbon atoms, with the proviso that at least 5 carbon atoms are between the carboxyl group $[\text{HO}-\text{C}(\text{O})-]$ and the hydroxyl group $[-\text{OH}]$;

$-\text{B}-$ acts as a spacer between siloxane backbone and the radical R^4 ,

R^4 is a hydrophilic radical of the general average formula

$-\text{R}^6-(\text{C}_2\text{H}_4\text{O})_q-(\text{C}_3\text{H}_6\text{O})_r-(\text{C}_4\text{H}_8\text{O})_s-\text{R}^7$ in which

q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

R^6 is a divalent alkylene or alkyleneoxy group having 1 to 24 carbon atoms which is optionally branched and/or can contain double bonds;

R^7 is a hydrogen atom, alkyl or acyl radical having 1 to 20 carbon atoms, or

R^4 is a polyhydroxyorganyl radical, in particular a glycerol, polyglycerol, sugar or sugar derivative radical, a polyvinyl alcohol radical, a carboxylate, sulfate or phosphate radical, an ammonium radical or an amphoteric betaine or amphoglycinate radical,

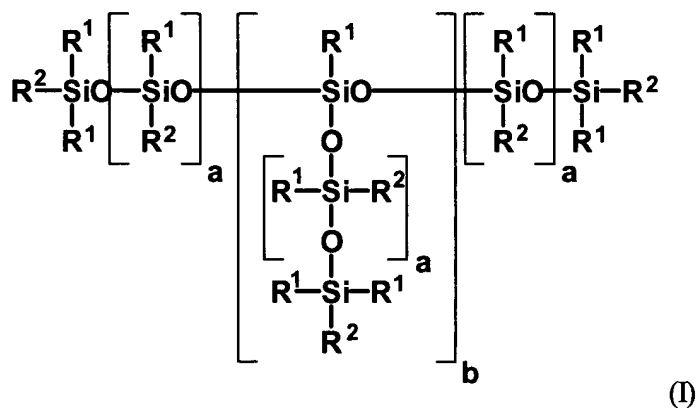
a has a value from 1 to 1000, and

b has a value from 0 to 10

with the proviso that, on statistical average, at least in each case one radical $\text{R}^2 =$

$-A-R^3$ and $R^2 = -B-R^4$ is present, or in the case where no radical $-B-R^4$ is present, at least one radical $R^2 = -A-R^3$ is present in which $-A-$ is a divalent polyoxyalkylene group of the above-described general average formula $-R^5-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-$.

2. The organopolysiloxane copolymer as claimed in claim 1, wherein the fragment $[-(O=C)-S-O-]_t$ corresponds to the radical of 12-hydroxystearic acid or of ricinoleic acid and t is between 2 and 5.
3. The organopolysiloxane copolymer as claimed in claim 1, wherein the hydrophilic radical R^4 is a radical selected from the group consisting of polyethers, polyglycerol, polyvinyl alcohol, sugar and sugar derivatives.
4. The organopolysiloxane copolymer as claimed in claim 1, wherein $b = 0$ and $a = 10$ to 150.
5. A process for the preparation of a compound of general formula (I)



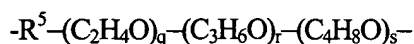
in which

R^1 are identical or different and are alkyl radicals having 1 to 30 carbon atoms or phenyl radicals,

R^2 independently of one another are R^1 , $-A-R^3$ or $-B-R^4$

in which

-A- is a divalent alkyleneoxy group having 3 to 24 carbon atoms, which is optionally branched and/or can contain double bonds, and/or is a divalent polyoxyalkylene group of the general average formula



in which

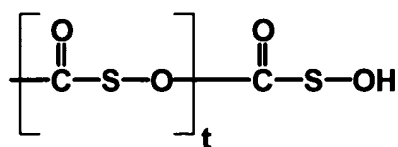
q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

R^5 is a divalent alkyleneoxy group having 1 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

R^3 is a polyester radical of the general formula



in which

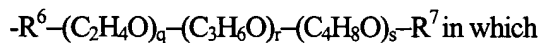
t is integers in the range from 1 to 10, and $[-(\text{O}=\text{C})-\text{S}-\text{O}-]$ is the fragment of a corresponding hydroxycarboxylic acid

$\text{HO}-(\text{O}=\text{C})-\text{S}-\text{OH}$, in which

$-\text{S}-$ is an optionally branched and/or double-bond-containing alkylene radical having 5 to 30 carbon atoms, with the proviso that at least 5 carbon atoms are between the carboxyl group $[\text{HO}-\text{C}(\text{O})-]$ and the hydroxyl group $[-\text{OH}]$;

-B- acts as a spacer between siloxane backbone and the radical R^4 ,

R^4 is a hydrophilic radical of the general average formula



in which

q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

R^6 is a divalent alkylene or alkyleneoxy group having 1 to 24 carbon atoms which is optionally branched and/or can contain double bonds;

R^7 is a hydrogen atom, alkyl or acyl radical having 1 to 20 carbon atoms, or

R^4 is a polyhydroxyorganyl radical, in particular a glycerol, polyglycerol, sugar or sugar derivative radical, a polyvinyl alcohol radical, a carboxylate, sulfate or phosphate radical, an ammonium radical or an amphoteric betaine or amphoglycinate radical,

a has a value from 1 to 1000, and

b has a value from 0 to 10

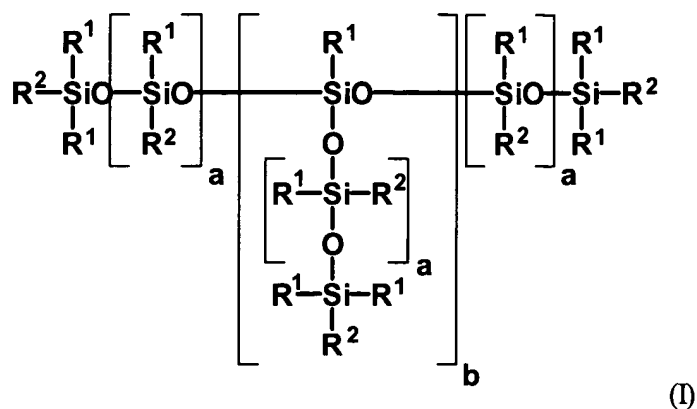
with the proviso that, on statistical average, at least in each case one radical $R^2 = -A-R^3$ and $R^2 = -B-R^4$ is present, or in the case where no radical $-B-R^4$ is present, at least one radical $R^2 = -A-R^3$ is present in which $-A-$ is a divalent polyoxyalkylene group of the above-described general average formula $-R^5-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-$, which comprises adding on polyester radicals either by hydrosilylation of a polyester carrying a double bond to a polyhydrogensiloxane, or by esterification of an OH-functional polysiloxane with a polyester carrying a free carboxyl group.

6. The method of claim 5, wherein the fragment $[-(O=C)-S-O-]_t$ corresponds to the radical of 12-hydroxystearic acid or of ricinoleic acid and t is between 2 and 5.

7. The method of claim 5, wherein the hydrophilic radical R^4 is a radical selected from the group consisting of polyethers, polyglycerol, polyvinyl alcohol, sugar and sugar derivatives.

8. The method of claim 5, wherein $b = 0$ and $a = 10$ to 150.

9. A dispersion or emulsion comprising at least one of compound of general formula (I)



in which

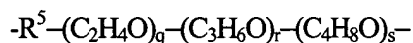
R^1 are identical or different and are alkyl radicals having 1 to 30 carbon atoms or phenyl radicals,

R^2 independently of one another are R^1 , $-\text{A}-\text{R}^3$ or $-\text{B}-\text{R}^4$

in which

$-\text{A}-$ is a divalent alkyleneoxy group having 3 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

and/or is a divalent polyoxyalkylene group of the general average formula



in which

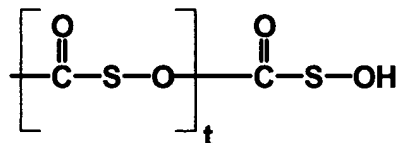
$q = 1$ to 100,

$r = 0$ to 100,

$s = 0$ to 100,

R^5 is a divalent alkyleneoxy group having 1 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

R^3 is a polyester radical of the general formula



in which

t is integers in the range from 1 to 10, and $[-(O=C)-S-O-]$ is the fragment of a corresponding hydroxycarboxylic acid $HO-(O=C)-S-OH$, in which
 $-S-$ is an optionally branched and/or double-bond-containing alkylene radical having 5 to 30 carbon atoms, with the proviso that at least 5 carbon atoms are between the carboxyl group $[HO-C(O)-]$ and the hydroxyl group $[-OH]$;

$-B-$ acts as a spacer between siloxane backbone and the radical R^4 ,

R^4 is a hydrophilic radical of the general average formula

$-R^6-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-R^7$ in which

$q = 1$ to 100,

$r = 0$ to 100,

$s = 0$ to 100,

R^6 is a divalent alkylene or alkyleneoxy group having 1 to 24 carbon atoms which is optionally branched and/or can contain double bonds;

R^7 is a hydrogen atom, alkyl or acyl radical having 1 to 20 carbon atoms, or

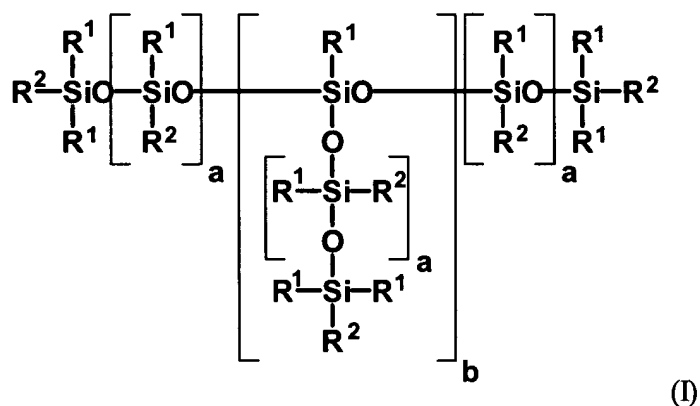
R^4 is a polyhydroxyorganyl radical, in particular a glycerol, polyglycerol, sugar or sugar derivative radical, a polyvinyl alcohol radical, a carboxylate, sulfate or phosphate radical, an ammonium radical or an amphoteric betaine or amphoglycinate radical,

a has a value from 1 to 1000, and

b has a value from 0 to 10

with the proviso that, on statistical average, at least in each case one radical $R^2 = -A-R^3$ and $R^2 = -B-R^4$ is present, or in the case where no radical $-B-R^4$ is present, at least one radical $R^2 = -A-R^3$ is present in which $-A-$ is a divalent polyoxyalkylene group of the above-described general average formula $-R^5-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-$.

10. The dispersion or emulsion of claim 9 further comprising additional emulsifiers which when used in conjunction with the compound of general formula (I) provide a low-viscosity W/O emulsion having a high content of a dispersed phase.
11. The dispersion or emulsion of claim 9, wherein the fragment $[-(O=C)-S-O-]_t$ corresponds to the radical of 12-hydroxystearic acid or of ricinoleic acid and t is between 2 and 5.
12. The dispersion or emulsion of claim 9, wherein the hydrophilic radical R^4 is a radical selected from the group consisting of polyethers, polyglycerol, polyvinyl alcohol, sugar and sugar derivatives.
13. The dispersion or emulsion of Claim 9, wherein $b = 0$ and $a = 10$ to 150.
14. A cosmetic W/O emulsion comprising 0.5 to 4% by weight, based on the total formulation, of at least one of compound of general formula (I)



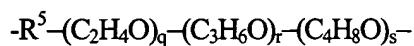
in which

R^1 are identical or different and are alkyl radicals having 1 to 30 carbon atoms or phenyl radicals,

R^2 independently of one another are R^1 , $-A-R^3$ or $-B-R^4$

in which

-A- is a divalent alkyleneoxy group having 3 to 24 carbon atoms, which is optionally branched and/or can contain double bonds, and/or is a divalent polyoxyalkylene group of the general average formula



in which

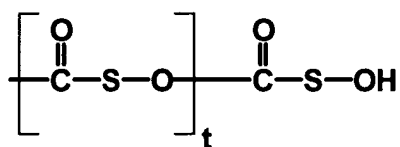
q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

R^5 is a divalent alkyleneoxy group having 1 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

R^3 is a polyester radical of the general formula



in which

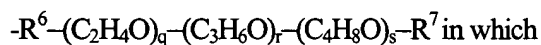
t is integers in the range from 1 to 10, and $[-(O=C)-S-O-]$ is the fragment of a corresponding hydroxycarboxylic acid

$HO-(O=C)-S-OH$, in which

-S- is an optionally branched and/or double-bond-containing alkylene radical having 5 to 30 carbon atoms, with the proviso that at least 5 carbon atoms are between the carboxyl group $[HO-C(O)-]$ and the hydroxyl group $[-OH]$;

-B- acts as a spacer between siloxane backbone and the radical R^4 ,

R^4 is a hydrophilic radical of the general average formula



in which

q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

R^6 is a divalent alkylene or alkyleneoxy group having 1 to 24 carbon atoms which is optionally branched and/or can contain double bonds;

R^7 is a hydrogen atom, alkyl or acyl radical having 1 to 20 carbon atoms, or

R^4 is a polyhydroxyorganyl radical, in particular a glycerol, polyglycerol, sugar or sugar derivative radical, a polyvinyl alcohol radical, a carboxylate, sulfate or phosphate radical, an ammonium radical or an amphoteric betaine or amphoglycinate radical,

a has a value from 1 to 1000, and

b has a value from 0 to 10

with the proviso that, on statistical average, at least in each case one radical $R^2 = -A-R^3$ and $R^2 = -B-R^4$ is present, or in the case where no radical $-B-R^4$ is present, at least one radical $R^2 = -A-R^3$ is present in which $-A-$ is a divalent polyoxyalkylene group of the above-described general average formula $-R^5-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-$.

15. The cosmetic W/O emulsion of claim 14, wherein the fragment $[-(O=C)-S-O-]_t$ corresponds to the radical of 12-hydroxystearic acid or of ricinoleic acid and t is between 2 and 5.

16. The cosmetic W/O emulsion of claim 14, wherein the hydrophilic radical R^4 is a radical selected from the group consisting of polyethers, polyglycerol, polyvinyl alcohol, sugar and sugar derivatives.

17. The cosmetic W/O emulsion of claim 14, wherein $b = 0$ and $a = 10$ to 150.